

LATITUDE 39°15'00"

5,913'

9,515' TO BOTTOM HOLE

LATITUDE 39°15'00"

LONGITUDE 80°35'00"

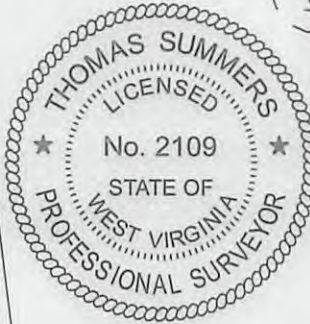
14,354'

LONGITUDE 80°35'00"

COUNTY NAME

PERMIT

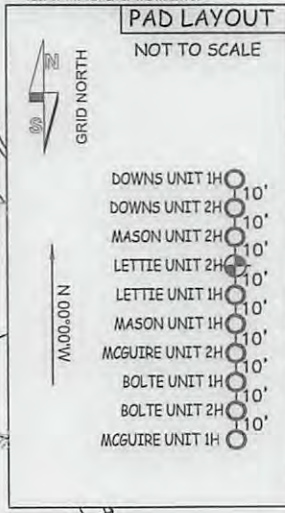
Antero Resources Corporation  
Well No. Lettie Unit 2H



NOTES:  
WELL 2H TOP HOLE INFORMATION:  
N: 260,734ft E: 1,687,121ft  
LAT: 39°12'38.12" LON: 80°36'15.12"  
BOTTOM HOLE INFORMATION:  
N: 270,812ft E: 1,683,640ft  
LAT: 39°14'17.30" LON: 80°37'00.94"  
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:  
WELL 2H TOP HOLE INFORMATION:  
N: 4,340,231m E: 534,187m  
BOTTOM HOLE INFORMATION:  
N: 4,343,283m E: 533,075m

NOTE  
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



LEGEND  
--- Surface Owner Boundary Lines +/-  
--- Interior Surface Tracts +/-  
--- Existing Fence  
--- Found monument, as noted

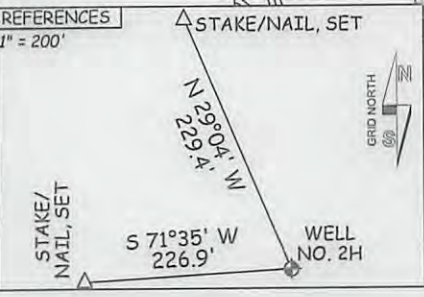
THOMAS SUMMERS P.S. 2109  
DATE 11/05/13  
OPERATOR'S WELL# LETTIE UNIT #2H  
API WELL # 47 - 017  
STATE COUNTY PERMIT

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 13-087WA  
DRAWING # LETTIE2H  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS  
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X  
LOCATION: ELEVATION 1,270' WATERSHED TRIBUTARY OF JOHNSON FORK  
QUADRANGLE BIG ISSAC 7.5'



REFERENCES 1" = 200'  
STAKE/NAIL SET  
WELL NO. 2H  
ACREAGE 89.43 ACRES +/-  
LEASE ACREAGE 81.4 AC±; 38 AC±; 68 AC±; 15.6 AC±; 47.2 AC±; 132 AC±; 52.2 AC±; 4.52 AC±; 46.5 AC±; 136.3 AC±; 46 AC±; 5.4179 AC±; 96 AC±; 80 AC±  
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X  
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL  
(SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 18,300' MD  
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD  
DENVER, CO 80202 CHARLESTON, WV 25313



4717006435

flat spotted



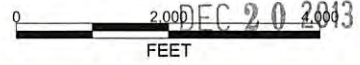
PETRA 2/11/2013 3:22:22 PM

Antero Resources Corporation

Appalachian Basin

Lettie Unit 2H  
Dodridge County

RECEIVED  
Office of Oil & Gas



REMARKS  
QUADRANGLE: BIG ISAAC  
WATERSHED: MIDDLE ISLAND CREEK  
DISTRICT: GREENBRIER

February 11, 2013